



Application No.: 10/717,311

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Docket No.: 00597/0200532-US0

Docket No.: 00597/0200532-US0  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Katsuzi Takasugi et al.

Application No.: 10/717,311

Confirmation No.: 6482

Filed: November 18, 2003

Art Unit: 3744

For: BINARY REFRIGERATION UNIT

Examiner: W. E. Tapolcai

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated January 28, 2005 (Paper No. 20050113), please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

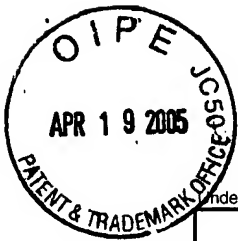
**Remarks/Arguments** begin on page 7 of this paper.

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PTO/SB/21 (09/04)

Approved for use through 07/31/2006. OMB 08510031

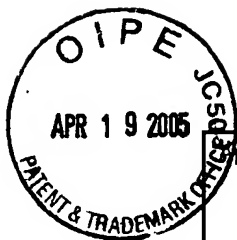
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/717,311-Conf. #6482
	Filing Date	November 18, 2003
	First Named Inventor	Katsuzi Takasugi
	Art Unit	3744
	Examiner Name	W. E. Tapolcai
	Attorney Docket Number	00597/0200532-US0
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Certificate of Express Mailing
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	DARBY & DARBY P.C.		
Signature			
Printed name	Melvin C. Garner		
Date	April 18, 2005	Reg. No.	26,272



Application No. (if known): 10/717,311

Attorney Docket No.: 00597/0200532-US0

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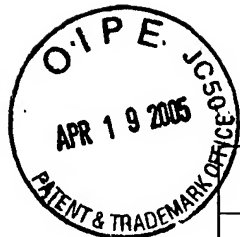
Amendment in Response to Non-Final Office Action (8 pages)

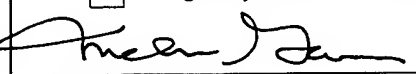
Amendment Transmittal (1 page)

Fee Transmittal (1 page)

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AMENDMENT TRANSMITTAL LETTER				Docket No. 00597/0200532-US0	
Application No. 10/717,311-Conf. #6482		Filing Date November 18, 2003		Examiner W. E. Tapolcai	
Art Unit 3744					
Applicant(s): Katsuzi Takasugi et al.					
Invention: BINARY REFRIGERATION UNIT					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	22	- 21 =	1	x 50.00	50.00
Independent Claims	4	- 4 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					50.00
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____ A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> A check in the amount of \$ 50.00 to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 04-0100 as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Melvin C. Garner Attorney Reg. No.: 26,272				Dated: April 18, 2005	
DARBY & DARBY P.C. P.O. Box 5257 New York, New York 10150-5257 (212) 527-7717					